

## CLAIMS:

1. A medical device (11, 13) to which is allocated a configuration management system (17, 39) referred to below as KMS for automatic adaptation to current operating situations, where in a memory (10) allocated to the KMS are stored operating settings which are allocated to signal combinations for operation of medical devices, and where to specify the operating mode the KMS (17, 39) is in signal connection with the medical device (11, 12, 13).

2. A medical device as claimed in claim 1, characterized in that the medical device is fitted with a receiver unit for wireless reception of signals.

3. A medical device as claimed in claim 1, characterized in that the signal combination comprises environment information comprising at least information on the location of the patient or the presence of hospital staff (27) or further devices (14) arranged in the vicinity of the patient.

4. A medical device as claimed in claim 1, characterized in that the signal combination comprises patient information, in particular actual measured data and/or information from the medical records (31) of the patient (3).

5. A medical device as claimed in claim 1, characterized in that a location system (19) is in signal connection (23) with the medical device.

6. A medical device as claimed in claim 1, characterized in that the KMS (17) is part of the medical device (11, 39).

7. A medical device as claimed in claim 1, characterized in that the KMS (17) is arranged outside the medical device (11, 12, 13).

8. A process for operating a medical device to which a KMS (17) is allocated, where as a function of the signals supplied to the KMS (17) an operating mode is determined and the medical device (11, 13) triggered for operation according to the operating mode determined.

5

9. A process as claimed in claim 8, characterized in that the various types of signal are location information, personal information and patient information.

10

10. A process as claimed in claim 9, characterized in that on sensing of patient data, a view on a display of a monitor is shown only on detection of staff identification and if no staff identification is detected for a predetermined period, the display is set to rest mode.

15

11. A process as claimed in claim 8, characterized in that when pre-specified threshold values of sensed patient data are exceeded, the activity of the medical device is increased, in particular a more detailed display or the measurement frequency is increased.

20

12. A system for use in a hospital, comprising a configuration management system (17) and a location system (19), where a current operating mode of medical devices in signal connection with the configuration management system (17) is determined by the configuration management system (17) from predetermined operating settings saved in the memory of the KMS.